
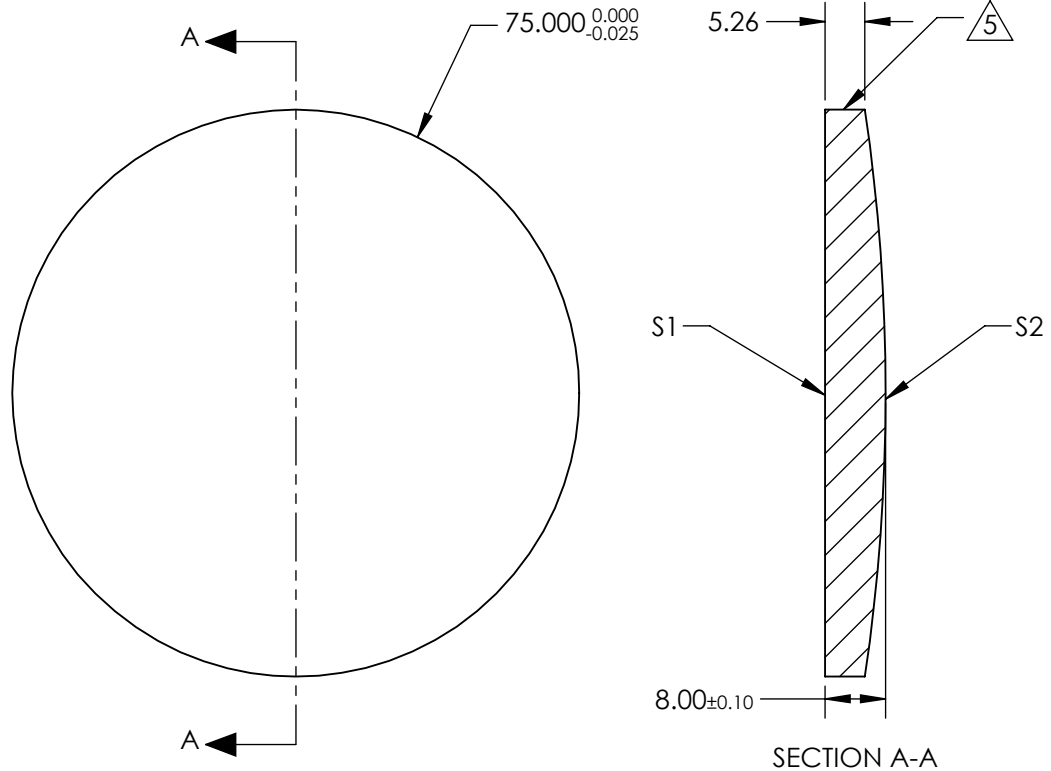


NOTES:

1. SUBSTRATE:  
N-BK7
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <45 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: VIS-EXT  
 $R(AVG) \leq 0.5\%$  FROM 350-700nm @ 0° AOI
5.  FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 500mm  $\pm 1\%$   
BACK FOCAL LENGTH (BFL): 494.73mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm

**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY



	S1	S2
SHAPE	PLANO	CONVEX
RADIUS	INFINITY	258.40
SURFACE QUALITY	40-20	40-20
MIN CLEAR APERTURE	Ø 73.50	Ø 73.50
MIN COATING APERTURE	Ø 73.50	Ø 73.50
POWER AT 632.8nm	1.5λ	1.5λ
IRREGULARITY AT 632.8nm	λ/4	λ/4

THIRD ANGLE  
PROJECTION 

ALL DIMS IN

mm



**Edmund Optics®**

TITLE

75.0mm Dia. x 500.0mm FL, VIS-EXT Coated,  
Plano-Convex Lens

DWG NO

26113

SHEET  
1 OF 1